Jaisree Iyer

List of Publications by Year
in descending order

14	262	1040056 9	1058476 14
papers	citations	h-index	g-index

14	14	14	266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review of Well Integrity Based on Field Experience at Carbon Utilization and Storage Sites. International Journal of Greenhouse Gas Control, 2022, 113, 103533.	4.6	12
2	Microbial Carbonation of Monocalcium Silicate. ACS Omega, 2022, 7, 12524-12535.	3.5	1
3	Heat transfer and pressure drop characteristics of heat exchangers based on triply periodic minimal and periodic nodal surfaces. Applied Thermal Engineering, 2022, 209, 118192.	6.0	49
4	Impact of Chemical and Mechanical Processes on Leakage from Damaged Wells in CO2 Storage Sites. Environmental Science & Technology, 2020, 54, 1196-1203.	10.0	6
5	Geochemical narrowing of cement fracture aperture during multiphase flow of supercritical CO2 and brine. International Journal of Greenhouse Gas Control, 2020, 95, 102978.	4.6	5
6	Real Time 3D Observations of Portland Cement Carbonation at CO₂ Storage Conditions. Environmental Science & Technology, 2020, 54, 8323-8332.	10.0	21
7	Assessment of two-phase flow on the chemical alteration and sealing of leakage pathways in cemented wellbores. International Journal of Greenhouse Gas Control, 2018, 69, 72-80.	4.6	21
8	Effect of thermal stress on wellbore integrity during CO2 injection. International Journal of Greenhouse Gas Control, 2018, 77, 14-26.	4.6	38
9	Incorporating reaction-rate dependence in reaction-front models of wellbore-cement/carbonated-brine systems. International Journal of Greenhouse Gas Control, 2017, 59, 160-171.	4.6	30
10	Assessment of Thermal Stress on Well Integrity as a Function of Size and Material Properties. Energy Procedia, 2017, 114, 5241-5248.	1.8	3
11	Influence of Chemical, Mechanical, and Transport Processes on Wellbore Leakage from Geologic CO₂ Storage Reservoirs. Accounts of Chemical Research, 2017, 50, 1829-1837.	15.6	39
12	Molecular-Thermodynamic Framework to Predict the Micellization Behavior of Mixtures of Fluorocarbon-Based and Hydrocarbon-Based Surfactants. Journal of Physical Chemistry B, 2014, 118, 2377-2388.	2.6	8
13	Computer Simulationâ€“Molecular-Thermodynamic Framework to Predict the Micellization Behavior of Mixtures of Surfactants: Application to Binary Surfactant Mixtures. Journal of Physical Chemistry B, 2013, 117, 6430-6442.	2.6	11
14	Are Ellipsoids Feasible Micelle Shapes? An Answer Based on a Molecular-Thermodynamic Model of Nonionic Surfactant Micelles. Journal of Physical Chemistry B, 2012, 116, 6443-6454.	2.6	18